

EL612

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Product Specification:

Nickel-based brazing filler alloy

Product features:

is a eutectic nickel-based brazing alloy suitable for brazing nickel, super alloys, stainless steels and other assemblies which require good joint strength at high temperatures with excellent corrosion and oxidation resistance. Some of the applications for this filler metal are highly stressed sheet metal components, jet engine parts, and assemblies used in corrosive conditions.

Norm:

Ni 612

ISO 17672:2016

Chemical Composition:

Element:	Unit:	Min %	Max %
Cr	%	13.50	16.50
B	%	3.25	4.00
Fe	%	0.00	1.50
Ni	%	78.50	81.50

Physical Properties:

Physical Properties: 1080 (°C)

Melting range: 1055 - 1055 (°C)

Tensile strength: 550 - 580 (MPa)

Surface Preparation:

Clean surface by solvent-wiping any deposits of heavy grease, oil, dirt, or other contaminants.

Precautions:

Please refer to the appropriate material safety data sheet (MSDS) prior to using this product. For technical assistance, please call +39 0922 871694. FOR INDUSTRIAL USE ONLY.

Warranty:

Linbrazze will not replace any material found to be defective. Because the storage, handling and application of this material is beyond our control, we can accept no liability for the results obtained.

Disclaimer:

All information on this data sheet is based on laboratory testing and is not intended for design purposes. LINBRAZE makes no representations or warranties of any kind concerning this data.